FIG. 1

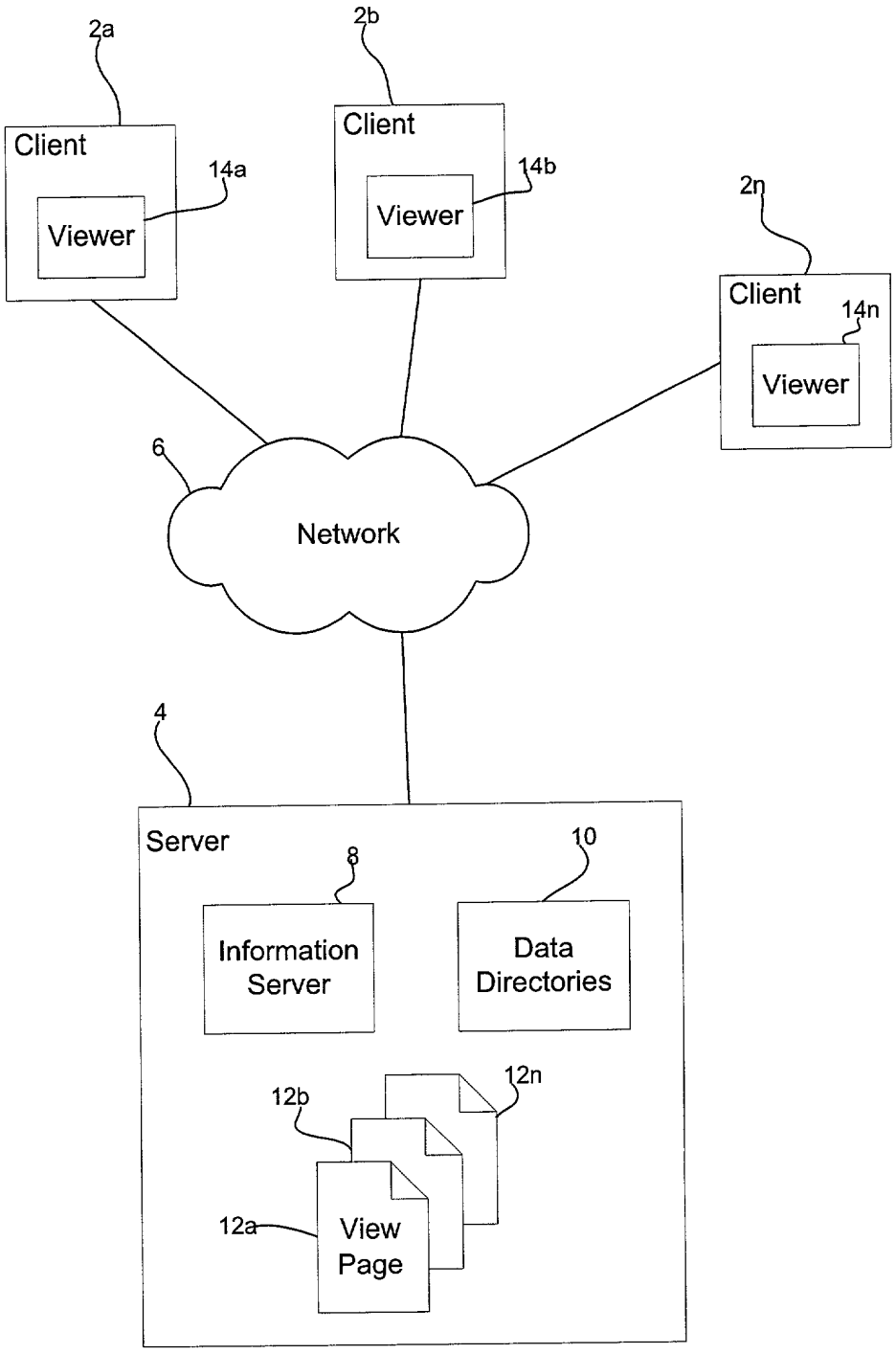
2a
2b
Client
Client
14a
14b
Viewer
Viewer
2n
Client
14n
Viewer
6
Network
4
Server
8
10
Information Server
Data Directories
12n
12b
12a
View Page

FIG. 2

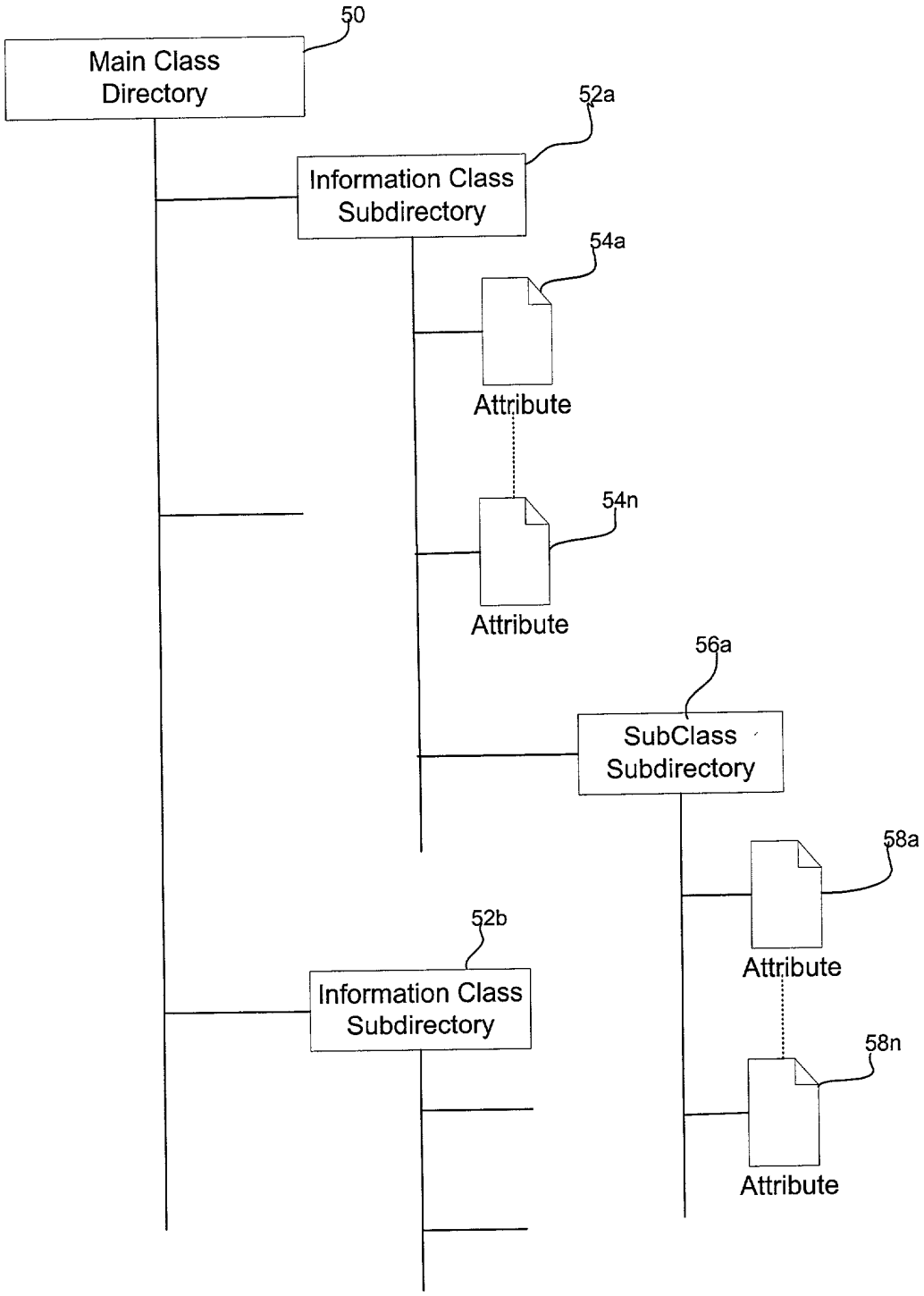
50
Main Class Directory
52a
Information Class Subdirectory
54a
Attribute
54n
Attribute
56a
SubClass Subdirectory
58a
Attribute
58n
Attribute
52b
Information Class Subdirectory

FIG. 3a

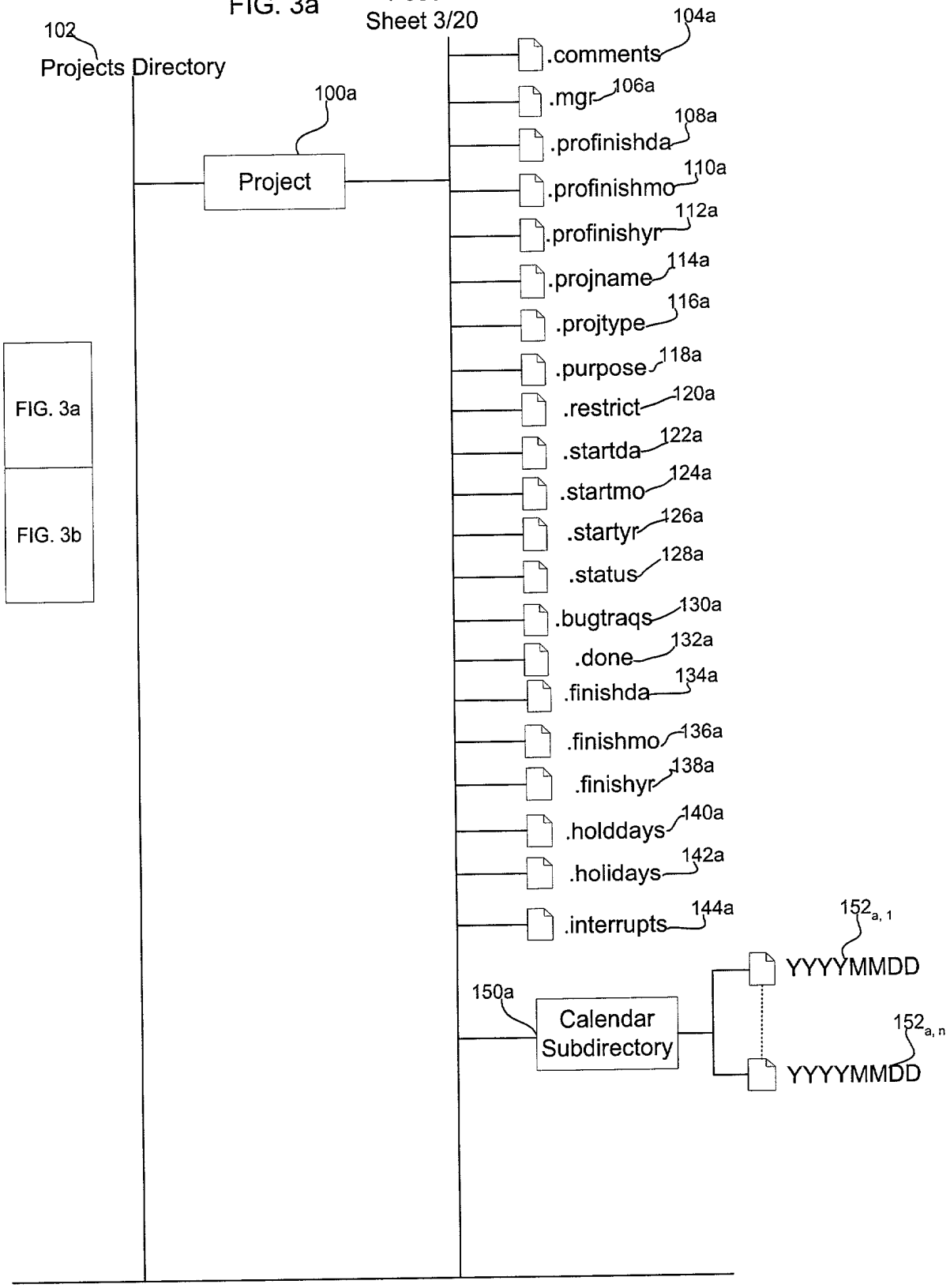

FIG. 3a

FIG. 3b

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FIG. 3b

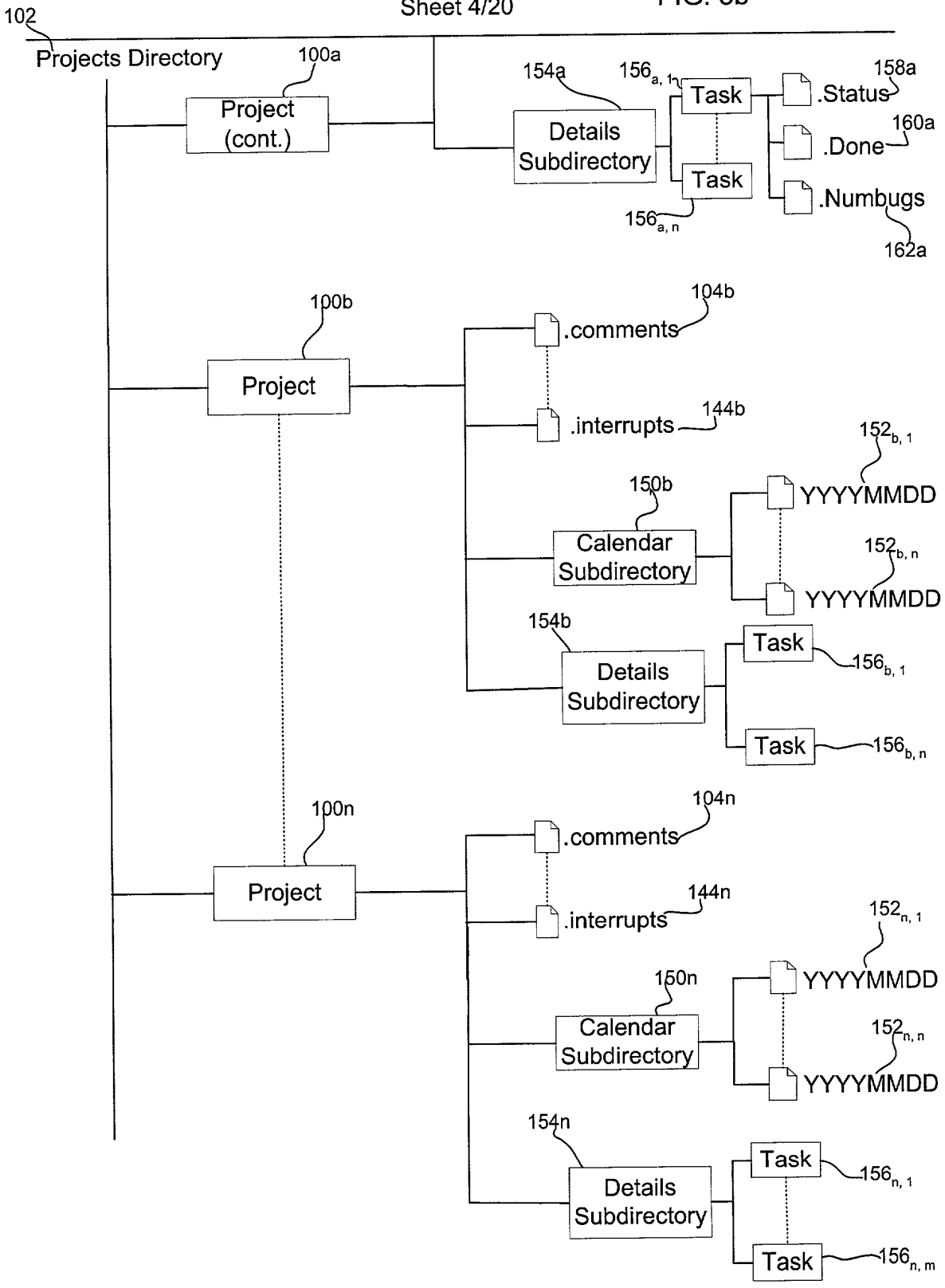
102
Projects Directory
100a
Project (cont.)
154a
Details Subdirectory
156a, 1
Task
Task
156a, n
.Status
158a
.Done
160a
.Numbugs
162a
100b
Project
104b
.comments
.interrupts
144b
152b, 1
YYYYMMDD
150b
Calendar Subdirectory
152b, n
YYYYMMDD
154b
Details Subdirectory
Task
156b, 1
Task
156b, n
100n
Project
104n
.comments
.interrupts
144n
152n, 1
YYYYMMDD
150n
Calendar Subdirectory
152n, n
YYYYMMDD
154n
Details Subdirectory
Task
156n, 1
Task
156n, m

FIG. 4

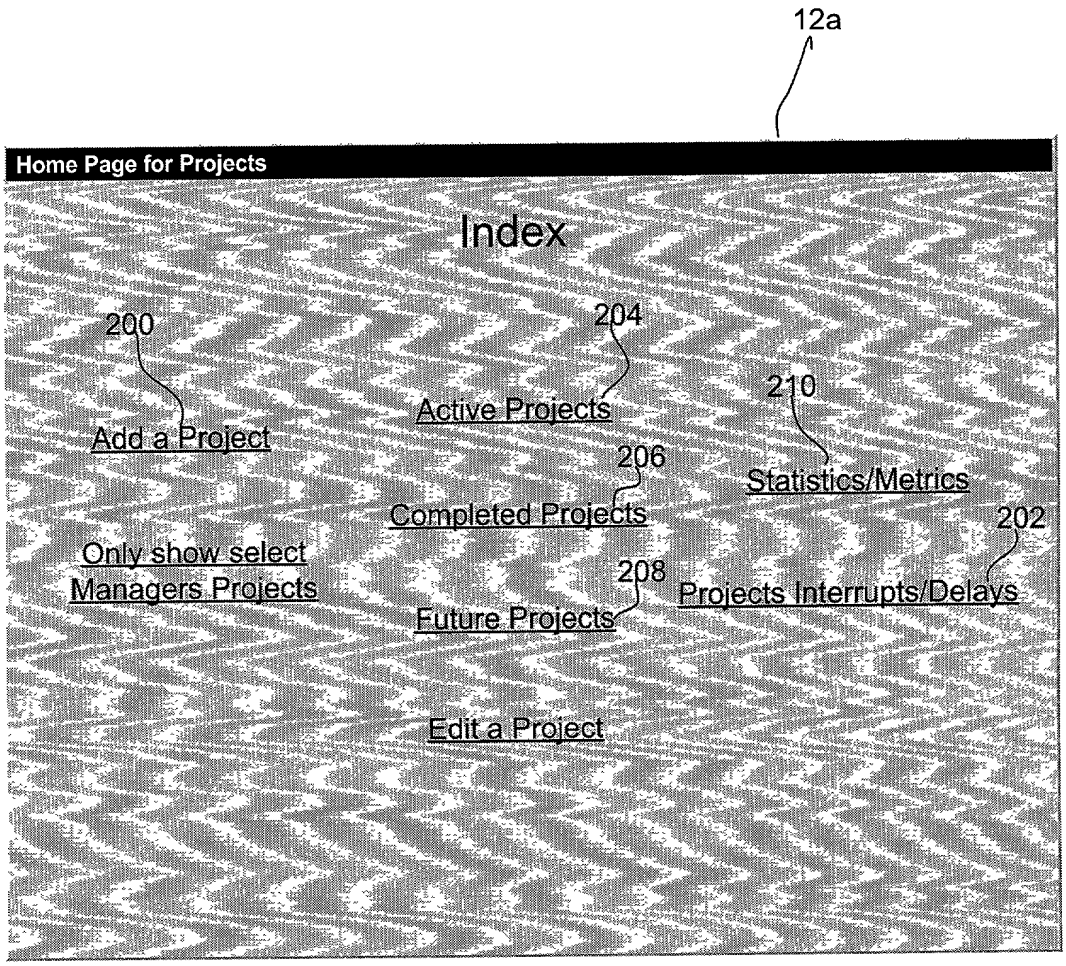
12a
Home Page for Projects
Index
200
Add a Project
204
Active Projects
206
Completed Projects
208
Future Projects
210
Statistics/Metrics
202
Projects Interrupts/Delays
Only show select
Managers Projects
Edit a Project

FIG. 5

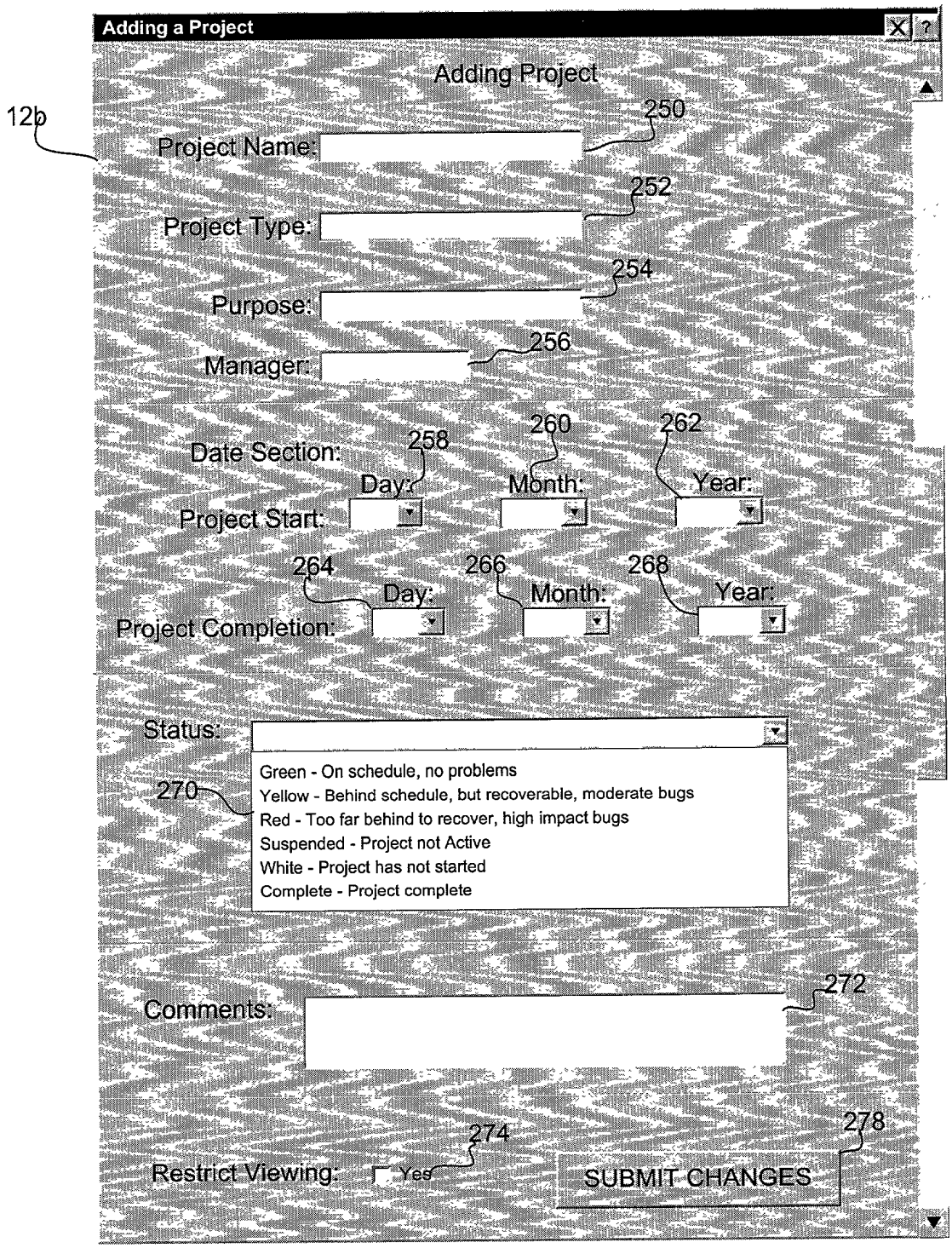
Adding a Project
Adding Project
12b
Project Name:
250
Project Type:
252
Purpose:
254
Manager:
256
Date Section:
258
260
262
Day:
Month:
Year:
Project Start:
264
266
268
Day:
Month:
Year:
Project Completion:
Status:
270
Green - On schedule, no problems
Yellow - Behind schedule, but recoverable, moderate bugs
Red - Too far behind to recover, high impact bugs
Suspended - Project not Active
White - Project has not started
Complete - Project complete
Comments:
272
Restrict Viewing:
274
Yes
SUBMIT CHANGES
278

FIG. 6

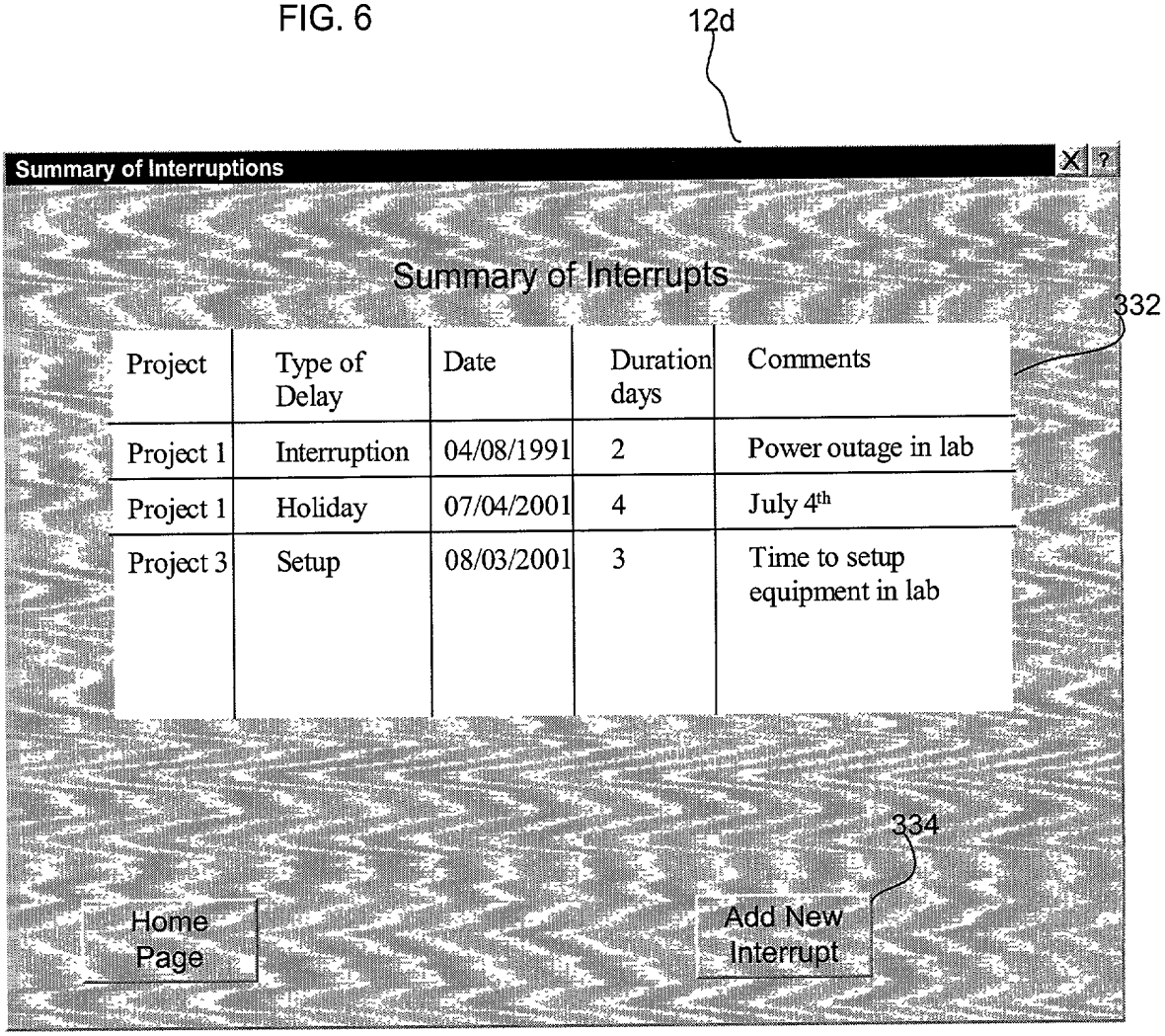
12d
Summary of Interruptions
Summary of Interrupts
332
Project
Type of Delay
Date
Duration days
Comments
Project 1
Interruption
04/08/1991
2
Power outage in lab
Project 1
Holiday
07/04/2001
4
July 4th
Project 3
Setup
08/03/2001
3
Time to setup equipment in lab
334
Home Page
Add New Interrupt

FIG. 7

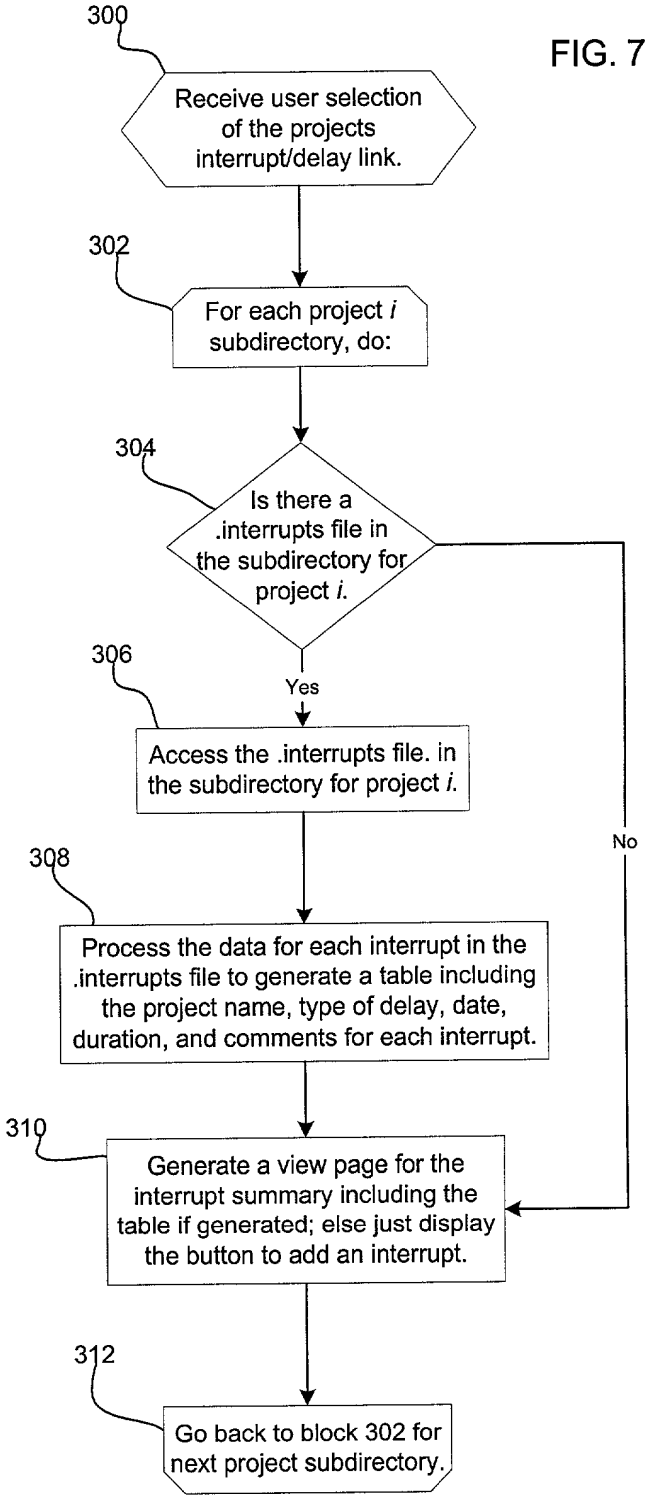
300
Receive user selection of the projects interrupt/delay link.
302
For each project *i* subdirectory, do:
304
Is there a .interrupts file in the subdirectory for project *i*.
Yes
No
306
Access the .interrupts file. in the subdirectory for project *i*.
308
Process the data for each interrupt in the .interrupts file to generate a table including the project name, type of delay, date, duration, and comments for each interrupt.
310
Generate a view page for the interrupt summary including the table if generated; else just display the button to add an interrupt.
312
Go back to block 302 for next project subdirectory.

FIG. 8a

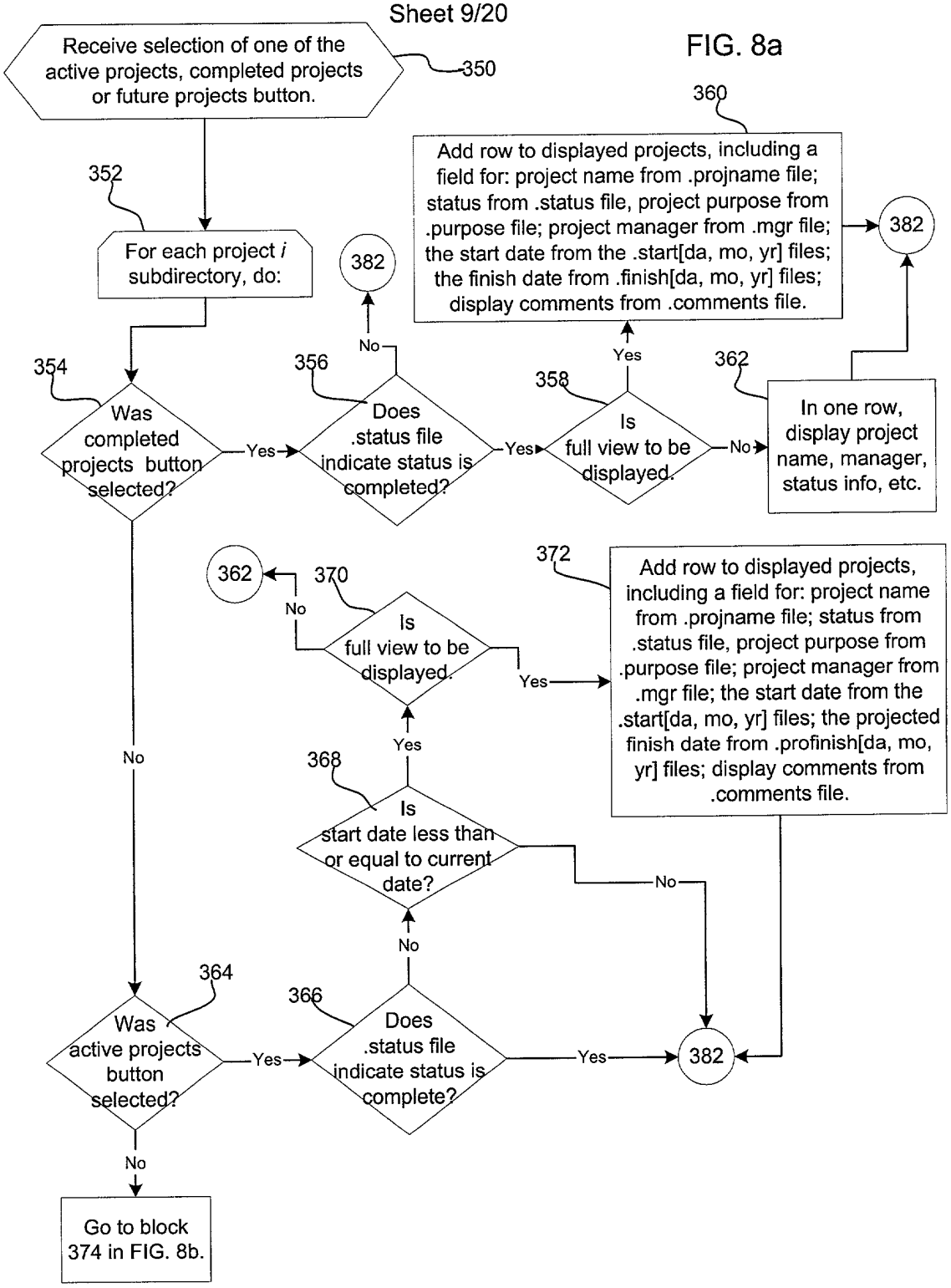

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FIG. 8b

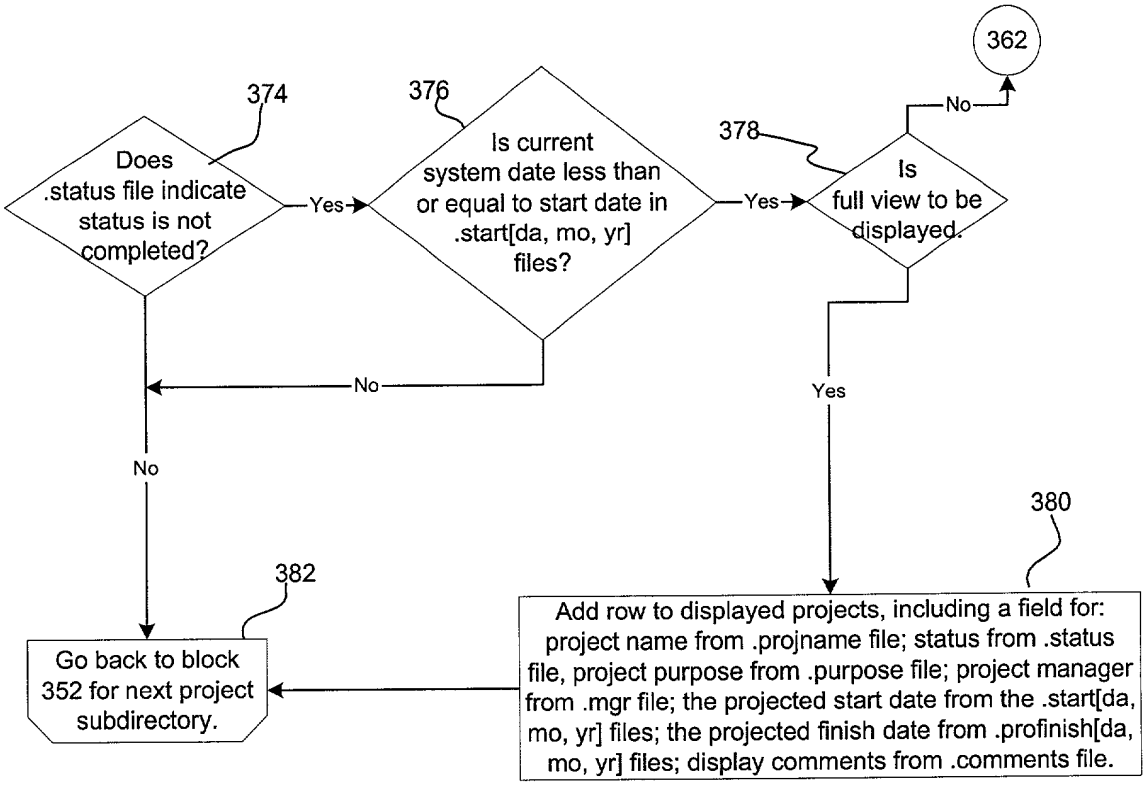
362
374
376
378
Does .status file indicate status is not completed?
Yes
Is current system date less than or equal to start date in .start[da, mo, yr] files?
Yes
Is full view to be displayed.
No
No
Yes
No
380
382
Add row to displayed projects, including a field for: project name from .projname file; status from .status file, project purpose from .purpose file; project manager from .mgr file; the projected start date from the .start[da, mo, yr] files; the projected finish date from .profinish[da, mo, yr] files; display comments from .comments file.
Go back to block 352 for next project subdirectory.

FIG. 9

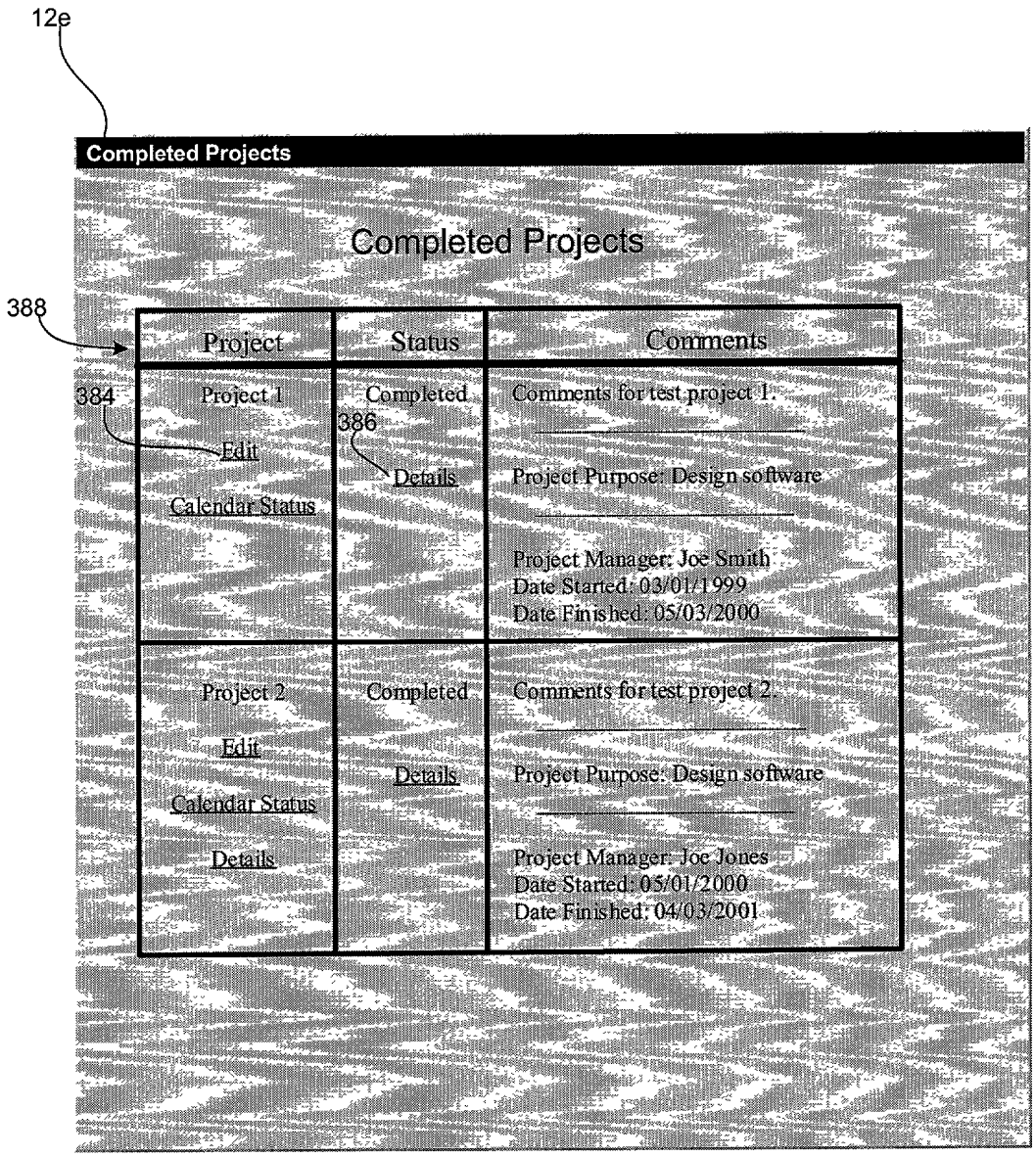
12e
Completed Projects
Completed Projects
388
Project
Status
Comments
384
Project 1
Edit
Calendar Status
Completed
386
Details
Comments for test project 1.
Project Purpose: Design software
Project Manager: Joe Smith
Date Started: 03/01/1999
Date Finished: 05/03/2000
Project 2
Edit
Calendar Status
Details
Completed
Details
Comments for test project 2.
Project Purpose: Design software
Project Manager: Joe Jones
Date Started: 05/01/2000
Date Finished: 04/03/2001

FIG. 10

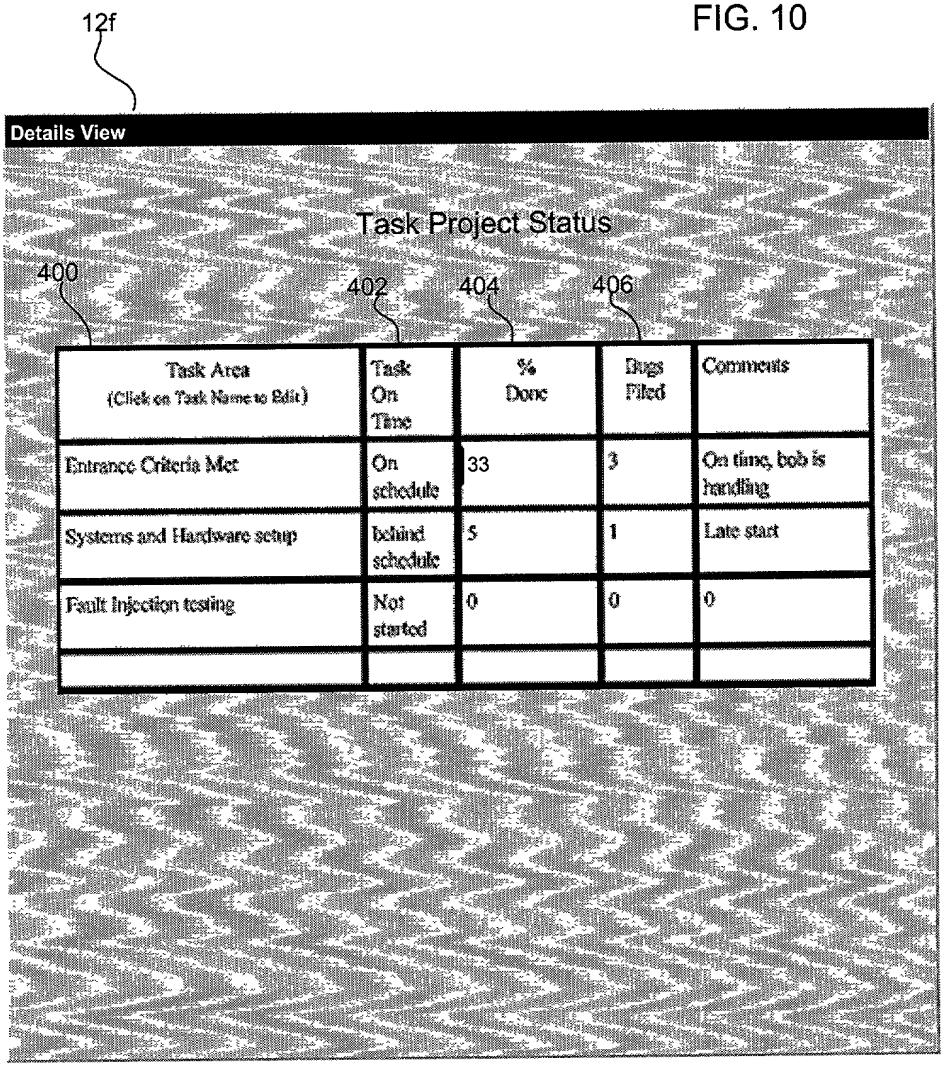

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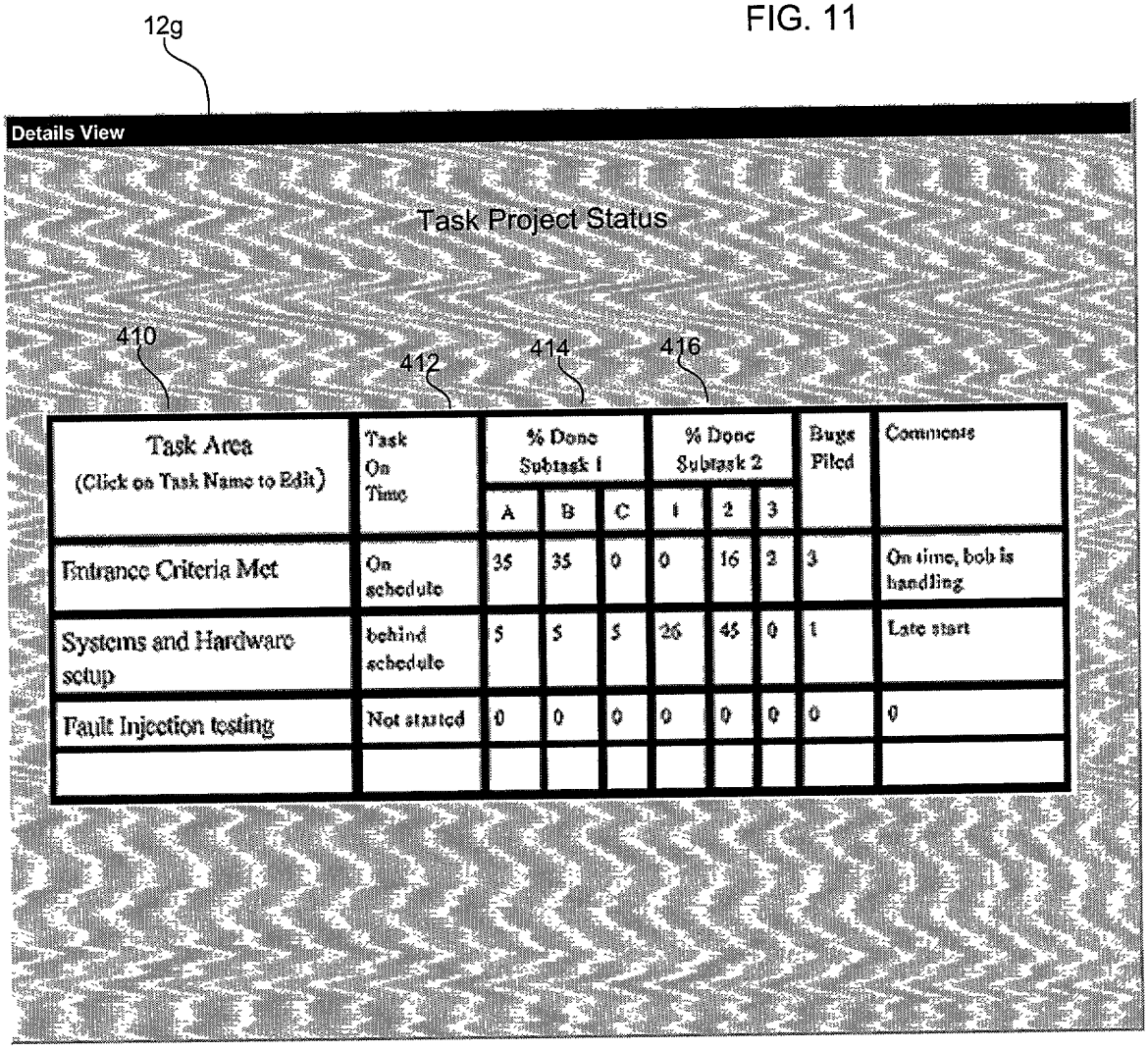
FIG. 11



Task Area (Click on Task Name to Edit)	Task On Time	% Done Subtask 1			% Done Subtask 2			Bugs Filed	Comments
		A	B	C	1	2	3		
Entrance Criteria Met	On schedule	35	35	0	0	16	2	3	On time, bob is handling
Systems and Hardware setup	behind schedule	5	5	5	26	45	0	1	Late start
Fault Injection testing	Not started	0	0	0	0	0	0	0	0

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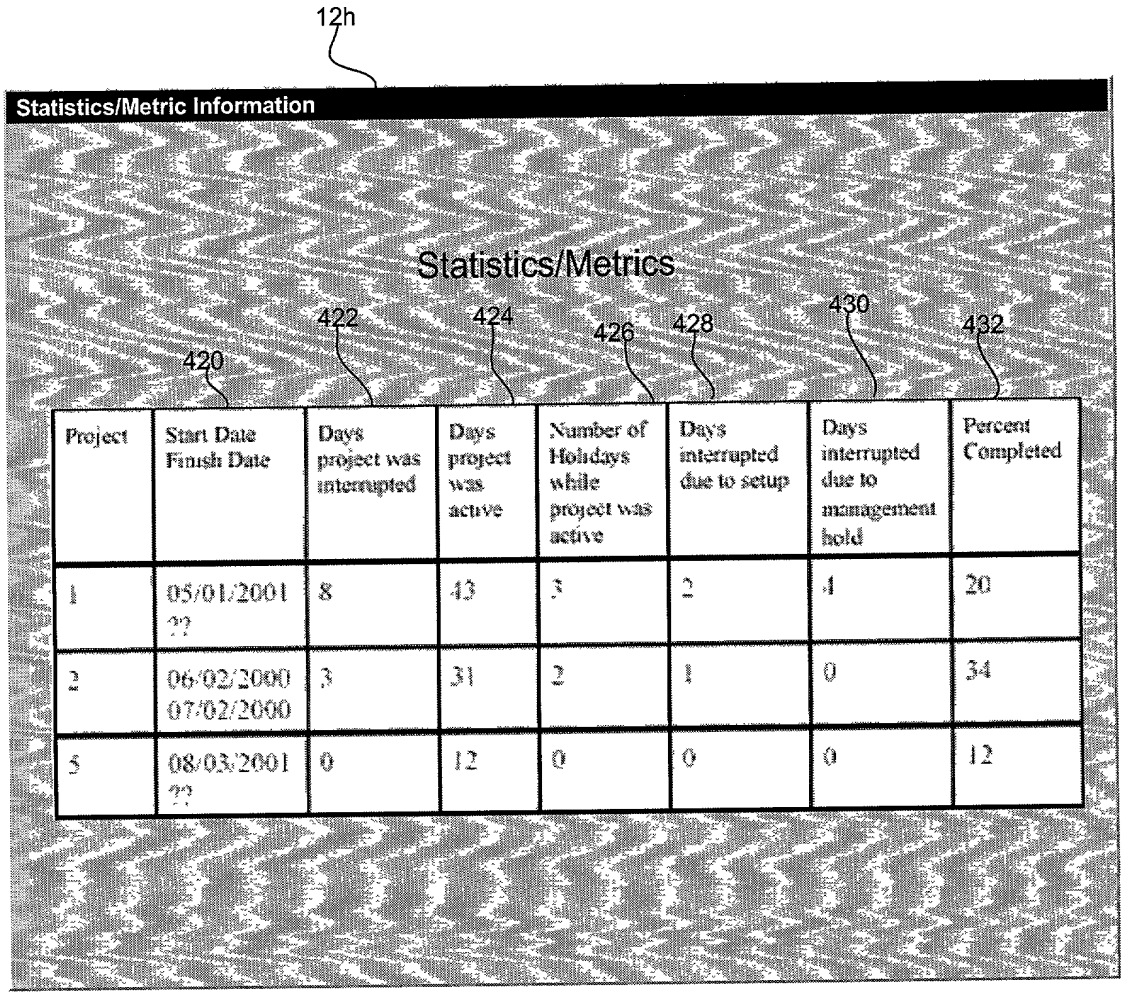
FIG. 12



Project	Start Date Finish Date	Days project was interrupted	Days project was active	Number of Holidays while project was active	Days interrupted due to setup	Days interrupted due to management hold	Percent Completed
1	05/01/2001 ??	8	43	3	2	4	20
2	06/02/2000 07/02/2000	3	31	2	1	0	34
5	08/03/2001 ??	0	12	0	0	0	12

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FIG. 13

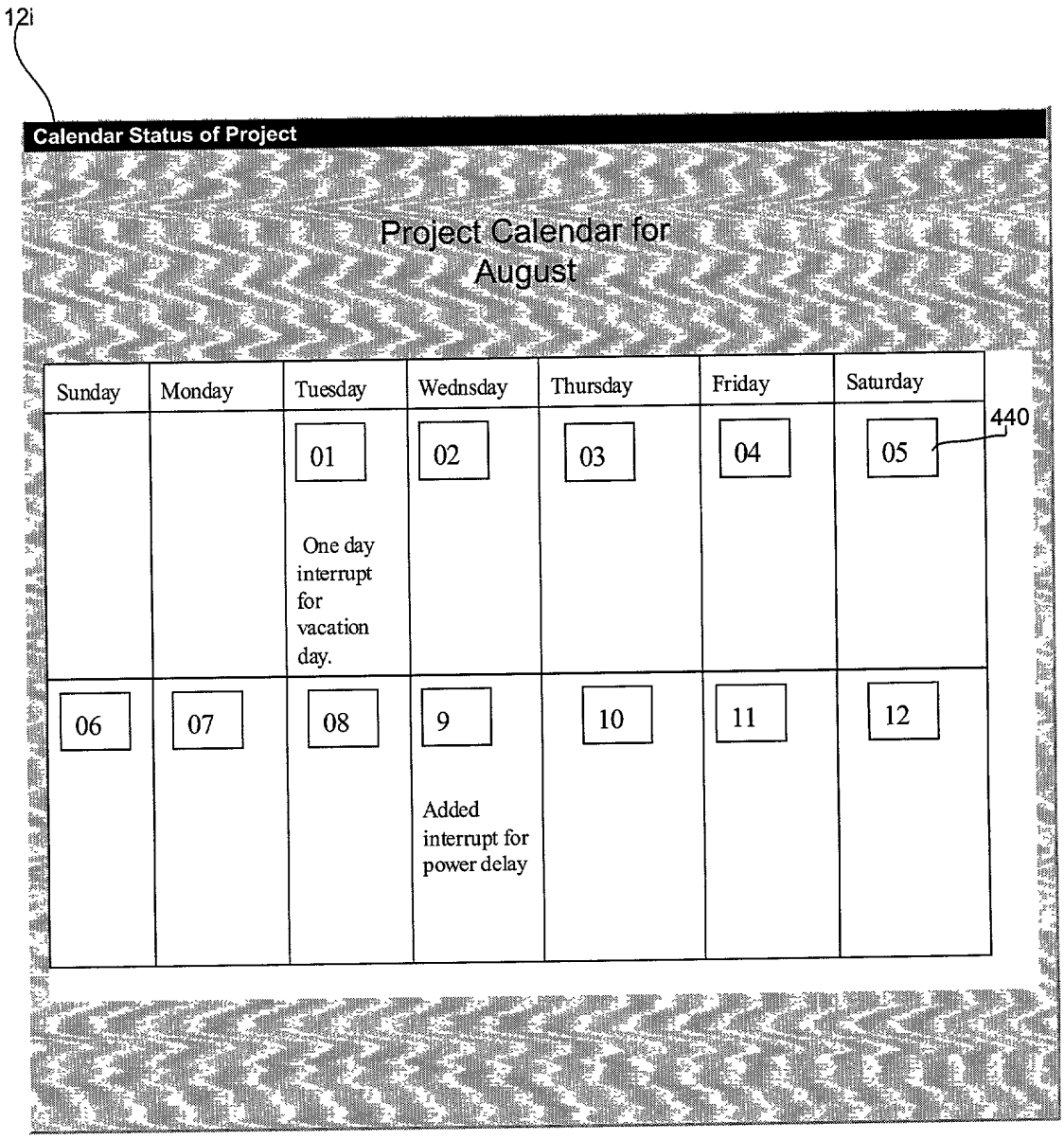

12i
Calendar Status of Project
Project Calendar for August
Sunday
Monday
Tuesday
Wednsday
Thursday
Friday
Saturday
01
One day interrupt for vacation day.
02
03
04
05
440
06
07
08
9
Added interrupt for power delay
10
11
12

FIG. 14

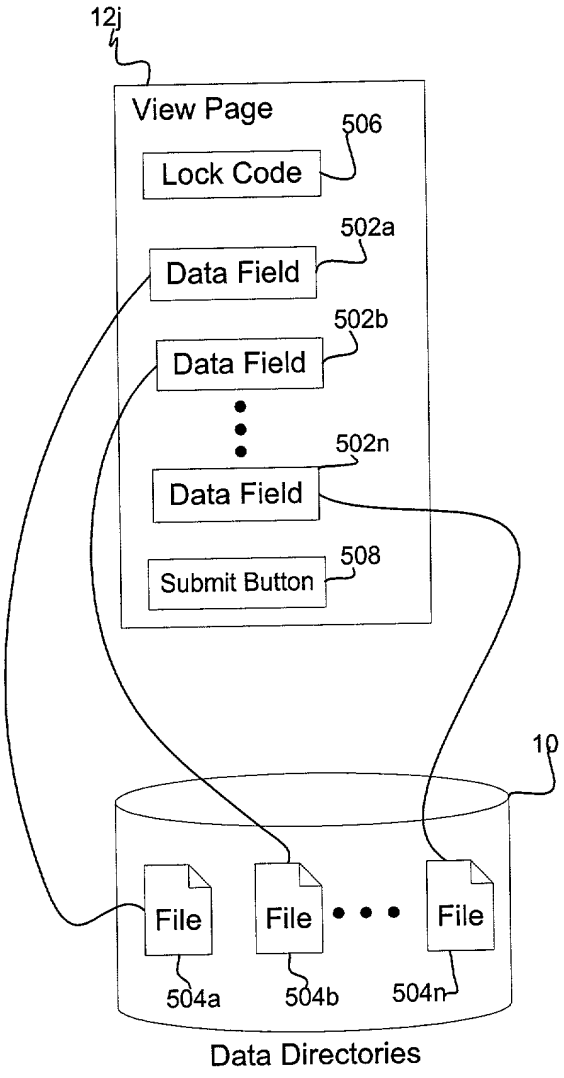

12j
View Page
506
Lock Code
502a
Data Field
502b
Data Field
502n
Data Field
508
Submit Button
10
File
File
File
504a
504b
504n
Data Directories

FIG. 15

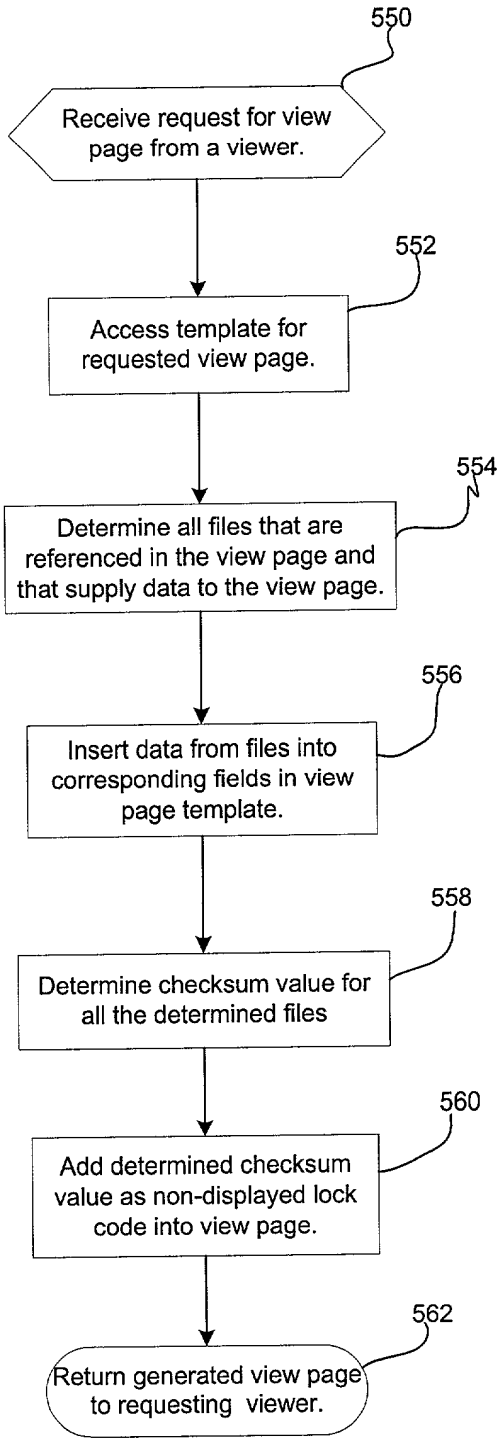

550
Receive request for view page from a viewer.
552
Access template for requested view page.
554
Determine all files that are referenced in the view page and that supply data to the view page.
556
Insert data from files into corresponding fields in view page template.
558
Determine checksum value for all the determined files
560
Add determined checksum value as non-displayed lock code into view page.
562
Return generated view page to requesting viewer.

FIG. 16

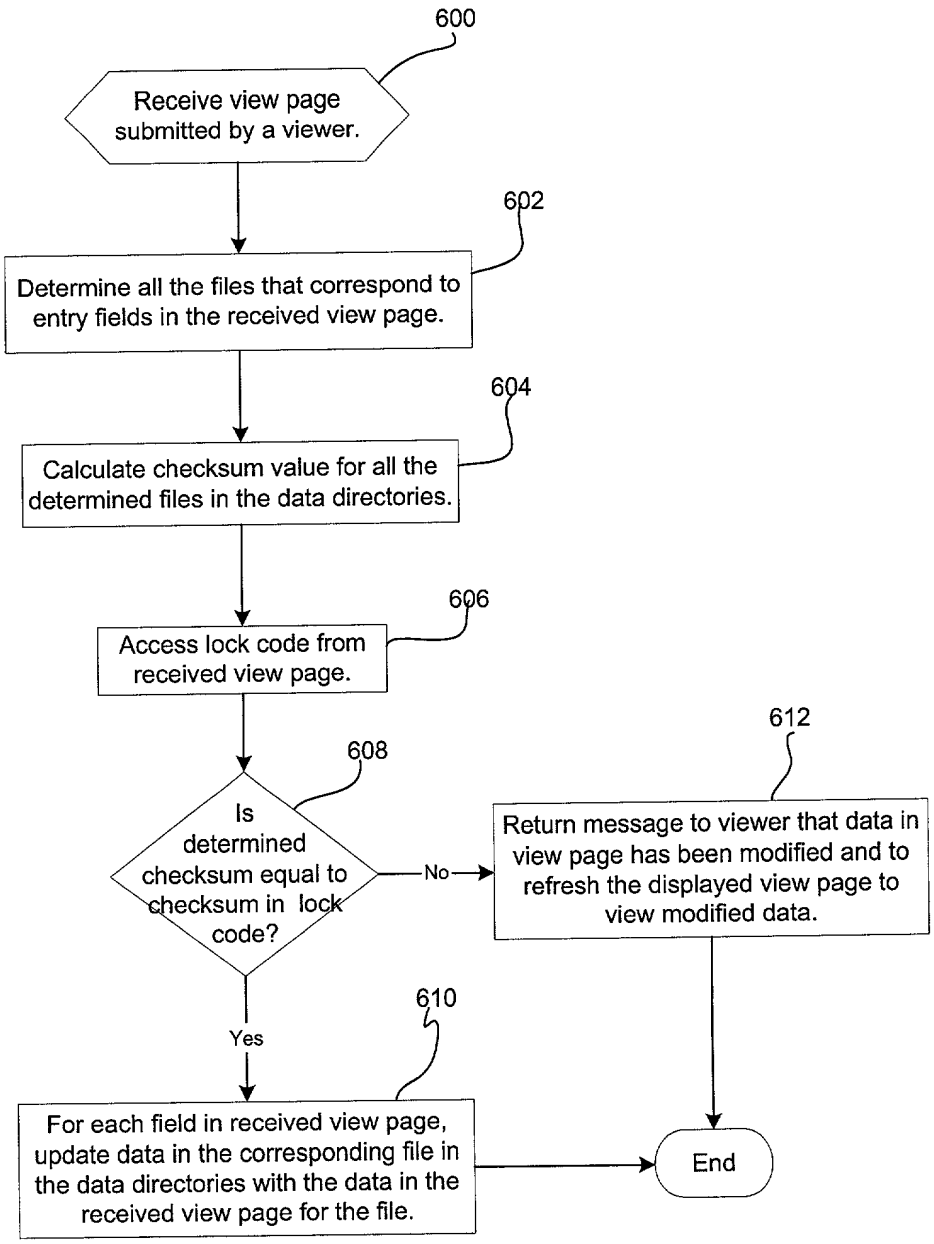
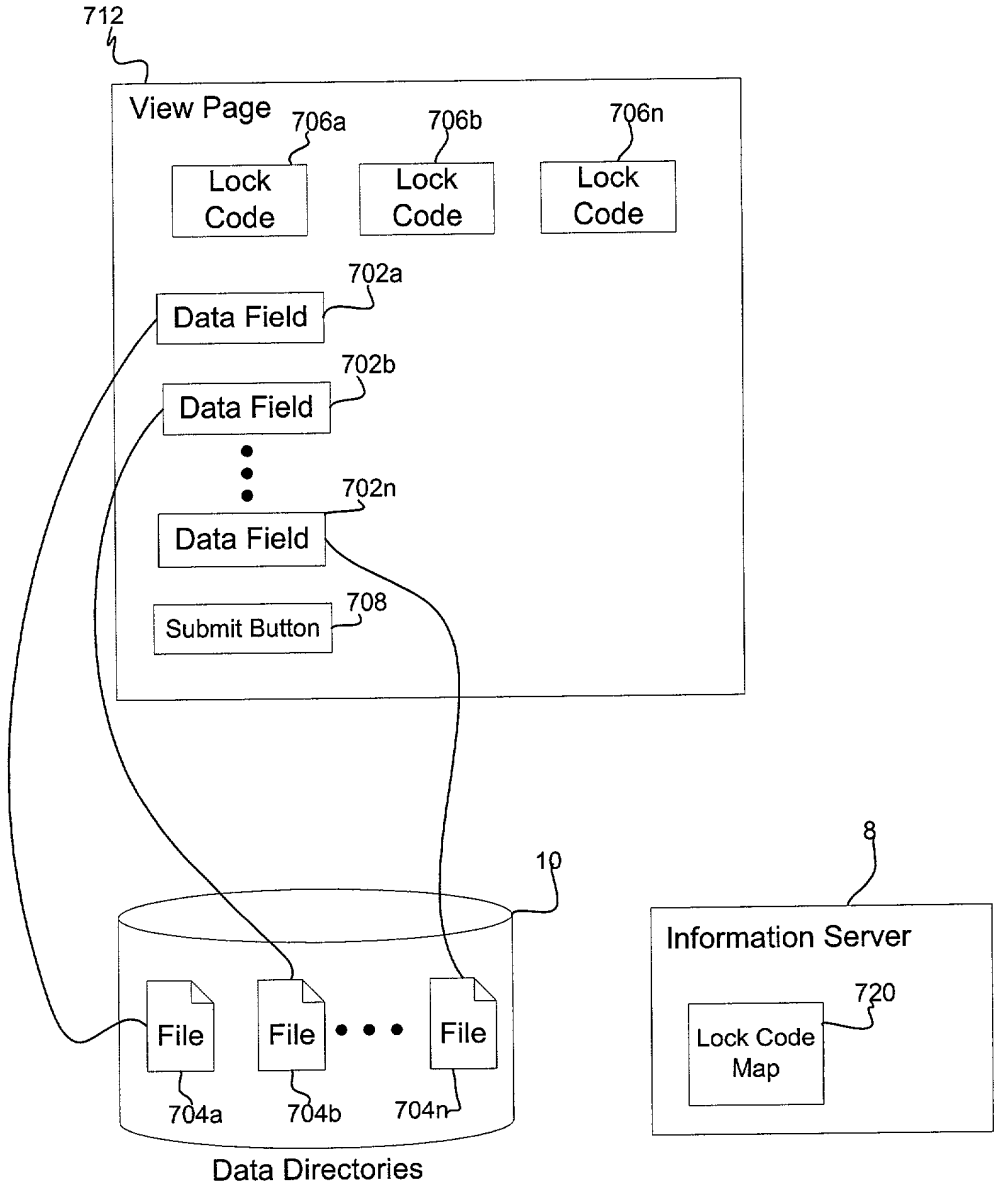

600
Receive view page submitted by a viewer.
602
Determine all the files that correspond to entry fields in the received view page.
604
Calculate checksum value for all the determined files in the data directories.
606
Access lock code from received view page.
608
Is determined checksum equal to checksum in lock code?
No
612
Return message to viewer that data in view page has been modified and to refresh the displayed view page to view modified data.
Yes
610
For each field in received view page, update data in the corresponding file in the data directories with the data in the received view page for the file.
End

FIG. 17


712
View Page
706a
706b
706n
Lock Code
Lock Code
Lock Code
702a
Data Field
702b
Data Field
702n
Data Field
708
Submit Button
10
8
Information Server
720
Lock Code Map
File
File
File
704a
704b
704n
Data Directories

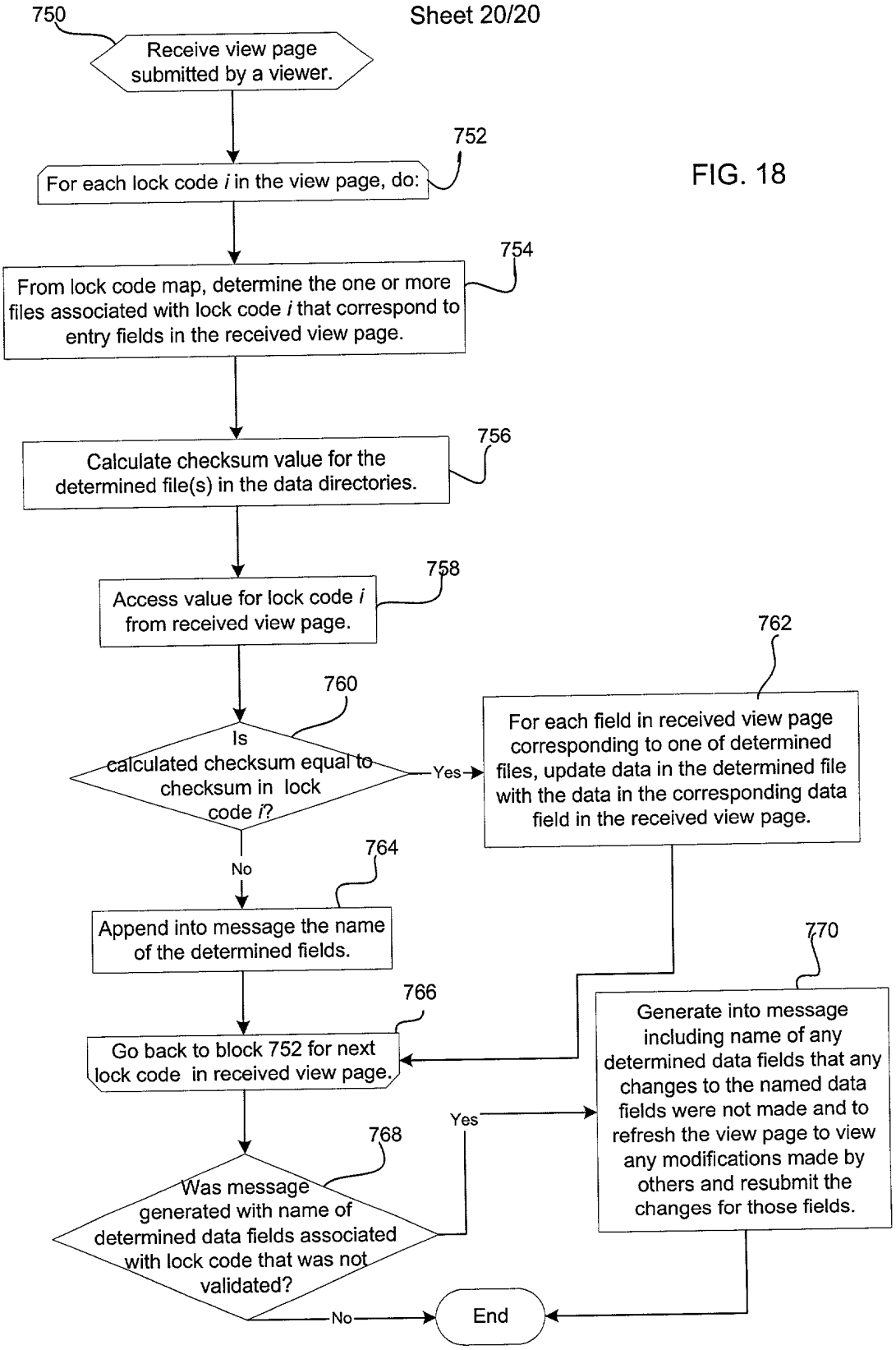


FIG. 18

EFS ID: 4503